

Declaration for U.S. Patent Application

As a below named inventor, We hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe We are the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
A METHOD OF MAKING A MULTI-PHASE AGGREGATE USING A MULTI-STAGE PROCESS, the specification of which is attached hereto unless the following is checked

was filed on _____, as United States Application Number _____ and
 was amended on _____ (if applicable).

We hereby state that We have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, § 119 (a) - (d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application for which priority is claimed:

List prior Foreign applications. <small>(See note A on back of this page)</small>	Priority Claimed
(Number)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Country)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Country)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Country)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

(See note B on back of this page) See attached list for additional prior foreign applications

We hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(List Prior U.S. Applications)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">08/837,493</td><td style="width: 30%;">April 18, 1997</td><td style="width: 40%;">Pending</td></tr> <tr> <td>(Appln. Serial No.)</td><td>(Filing Date)</td><td>(Status: Patented, Pending, Abandoned)</td></tr> <tr> <td>09/061,871</td><td>April 17, 1998</td><td>Pending</td></tr> <tr> <td>(Appln. Serial No.)</td><td>(Filing Date)</td><td>(Status: Patented, Pending, Abandoned)</td></tr> <tr> <td colspan="2" style="text-align: center;">(Appln. Serial No.)</td><td style="text-align: center;">(Filing Date)</td><td style="text-align: center;">(Status: Patented, Pending, Abandoned)</td></tr> </table>	08/837,493	April 18, 1997	Pending	(Appln. Serial No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)	09/061,871	April 17, 1998	Pending	(Appln. Serial No.)	(Filing Date)	(Status: Patented, Pending, Abandoned)	(Appln. Serial No.)		(Filing Date)	(Status: Patented, Pending, Abandoned)
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We hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Martha Ann Finnegan Reg. No. 31,453; Michelle B. Lando, Reg. No. 33,941; and
 Luke A. Kilyk Reg. No. 33,251

Please direct all communications to the following address:

Martha Ann Finnegan, Esq.
CABOT CORPORATION
157 Concord Road
Billerica, MA 01821
Telephone: (978) 670-6142 Fax: (978) 670-8027

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, § 1001 and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

(See note C above)

Full name of first inventor (given name, family name) Khaled Mahmud

Inventor's signature Khaled Mahmud Date Nov. 8, 1999

Residence 33 Liberty Street, Natick, Massachusetts 01760

Citizenship United States of America

Post Office Address Same as above

Full name of second inventor (given name, family name) Meng-Jiao Wang

Inventor's signature Meng-Jiao Wang Date Nov. 3, 1999

Residence 45 North Hancock Street, Lexington, Massachusetts 02173 Citizenship Peoples Republic of China

Post Office Address Same as above

Full name of third inventor (given name, family name) Yakov Kutsovsky

Inventor's signature Yakov Kutsovsky Date Nov. 8, 1999

Residence _____ Citizenship _____

Post Office Address _____

Full name of fourth inventor (given name, family name) _____

Inventor's signature _____ Date _____

Residence _____ Citizenship _____

Post Office Address _____

SOLE/JOINT INVENTION

(Worldwide Rights)

ASSIGNMENT

WHEREAS We, the below named inventors. [hereinafter referred to as Assignors], have made an invention entitled:

A METHOD OF MAKING A MULTI-PHASE AGGREGATE USING A MULTI-STAGE PROCESS (Title of invention)

for which We filed an application for United States Letters patent on _____, as Serial No. _____; and
WHEREAS, CABOT CORPORATION

(Full Name of Assignee)

a corporation of Delaware, United States

(State or Country of Incorporation)

whose post office address is 75 State Street, Boston, Massachusetts 02109 (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of _____)
)
State of _____)
 ss.

Subscribed and sworn to before me this _____ day
of _____, 1999.

Notary Public

SEAL

100-110101-0660

FULL NAME OF FIRST INVENTOR: Khaled Mahmud		Subscribed to and sworn before me <u>8</u> day of <u>November</u> , 19 <u>99</u>
Address: 33 Liberty Street, Natick, Massachusetts 01760		
Signature: <u>Khaled Mahmud</u>		Linda M. Paquin, Notary Public My Commission Expires June 29, 1999
Date: November 3, 1999		
FULL NAME OF SECOND INVENTOR: Meng-Jiao Wang		
Address: 45 North Hancock Street, Lexington, Massachusetts 02173		<u>3</u> day of <u>Nov</u> , 19 <u>99</u>
Signature: <u>Meng-Jiao Wang</u>		Linda M. Paquin, Notary Public My Commission Expires June 29, 1999
Date: Nov. 3, 1999		
FULL NAME OF THIRD INVENTOR: Yakov Kutovsky		
Address:		Subscribed to and sworn before me <u>8</u> day of <u>November</u> , 19 <u>99</u>
Signature: <u>Yakov Kutovsky</u>		Linda M. Paquin, Notary Public My Commission Expires June 29, 1999
Date: November 8, 1999		

U.S. PATENT AND TRADEMARK OFFICE

Case Docket No. 97020CIP2CON1
(3600-091-01)U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLYTo the Assistant Commissioner for Patents
Please record the attached original documents or copy thereof.

1. Name of conveying parties:

Khaled MAHMUD, Meng-Jiao WANG, and Yakov KUTSOVSKY
Additional name(s) of conveying party(ies) attached? Yes No XX

2. Name and address of receiving party:

Name: CABOT CORPORATION
Street Address: 75 State Street, Boston, Massachusetts 02109
Additional name(s) & address(es) attached? Yes No XX3. Nature of conveyance: XX Assignment Ex. Date: November 3 and November 8, 19994. Title: A METHOD OF MAKING A MULTI-PHASE AGGREGATE USING A MULTI-STAGE
PROCESS

5. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:
December 2, 1999

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? Yes No XX

6. Name and address of party to whom correspondence concerning document should be mailed

Martha Ann Finnegan, Esq.
Law Department
CABOT CORPORATION
157 Concord Road
Billerica, Massachusetts 01821-70017. Total number of applications and patents involved: 1

8. Total fee (37 CFR 3.41). \$40.00

Enclosed

XX Authorized to be charged to Deposit Account9. Deposit Account No.: 03-0060 (Two copies of this paper are attached.)10. Statement and signature. To the best of my knowledge and belief, the foregoing information is true
and correct and any attached copy is a true copy of the original document.Luke A. Kilyk

Name of Person Signing

Signature

December 2, 1999

Date

33,251

Registration No.

Total number of pages including cover sheet, attachments and document: 3

Rev. 2/97

Date December 2, 1999 Label No. EL352564399USI hereby certify that, on the date indicated above, I deposited this paper or fee with the U.S. Postal Service and that it
was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail"
Post Office to Addressee" service.

Name (Print)

Signature